

FIG. 1

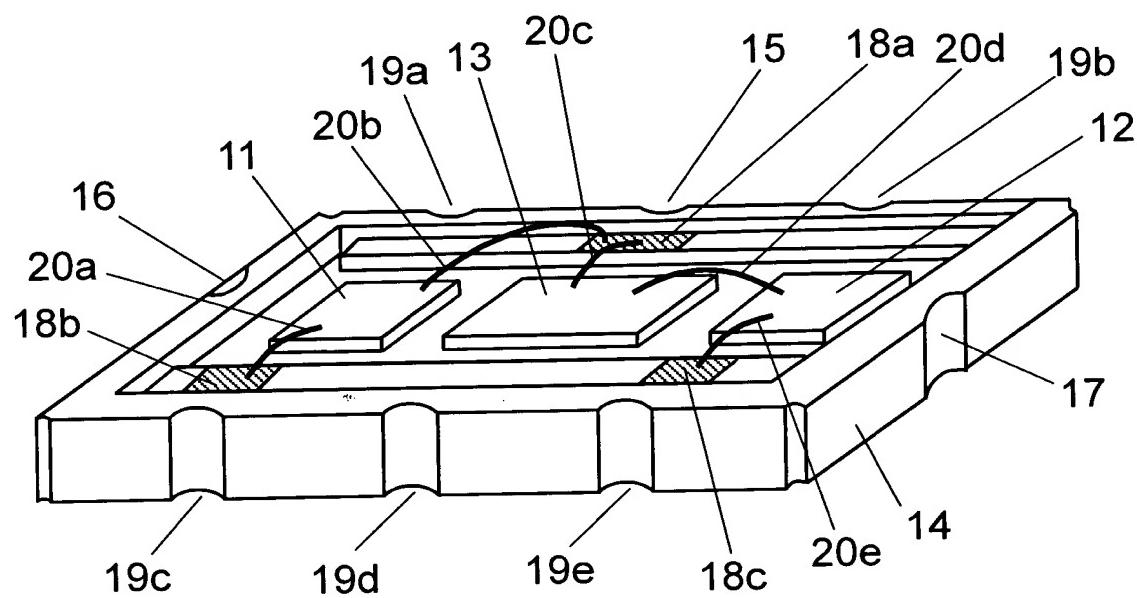


FIG. 2

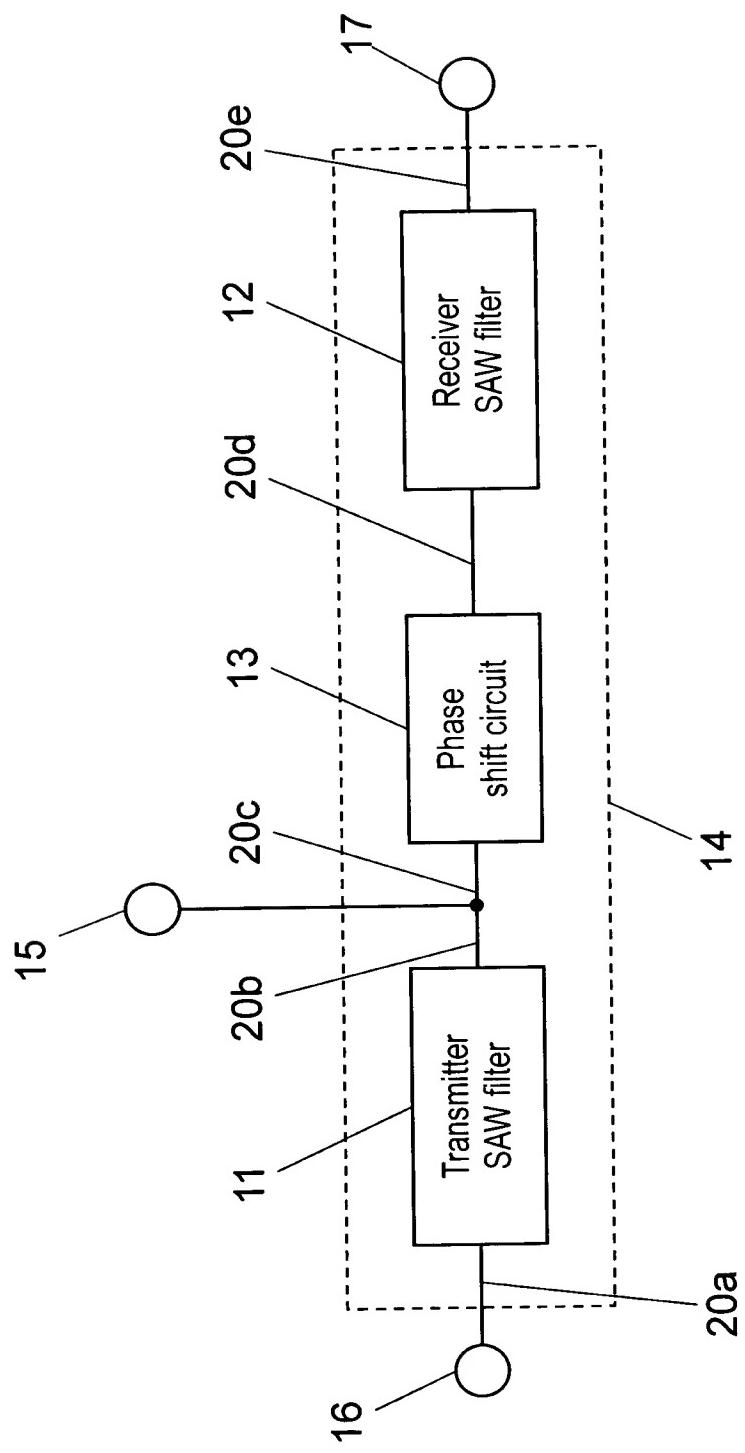


FIG. 3

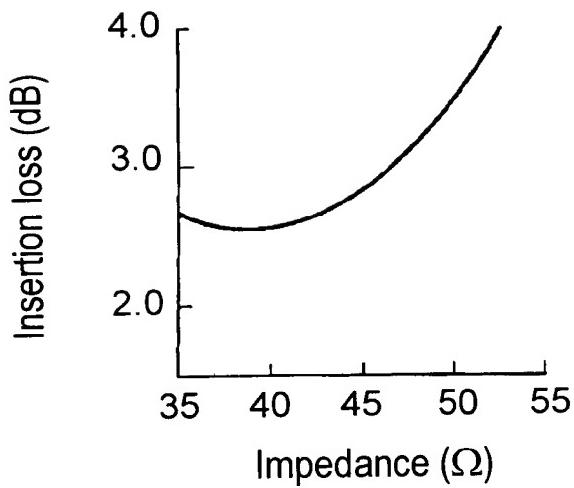


FIG. 4

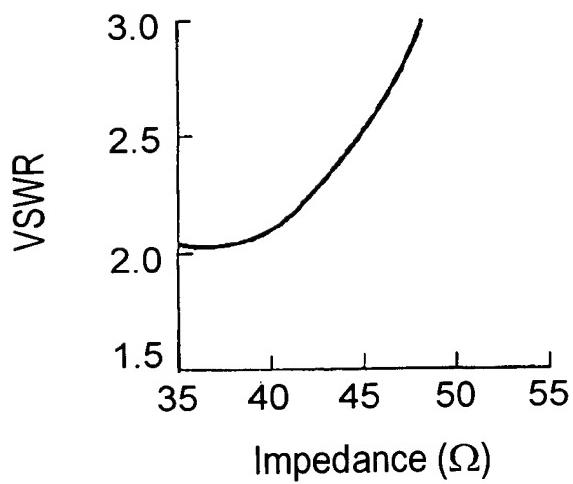


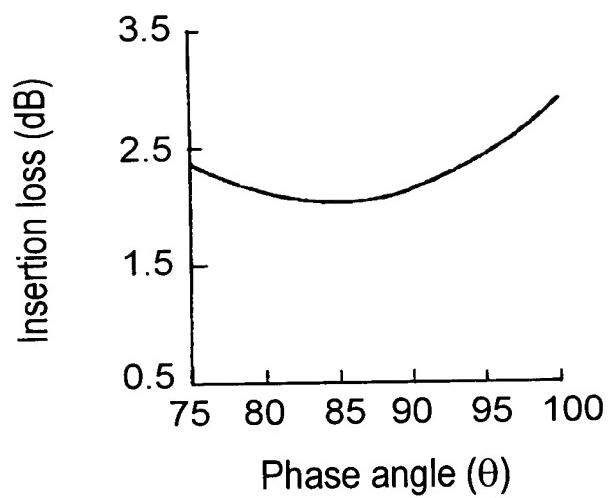
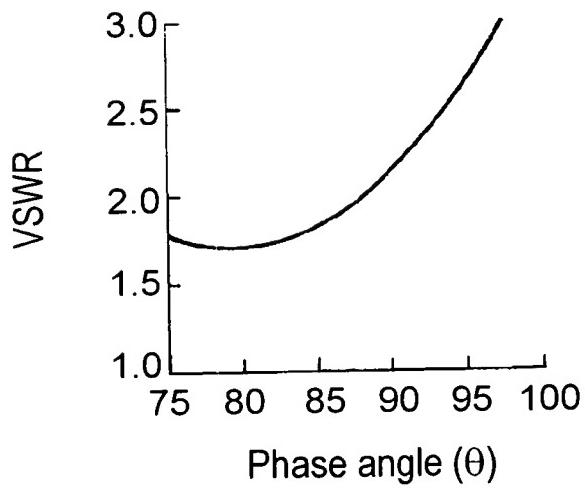
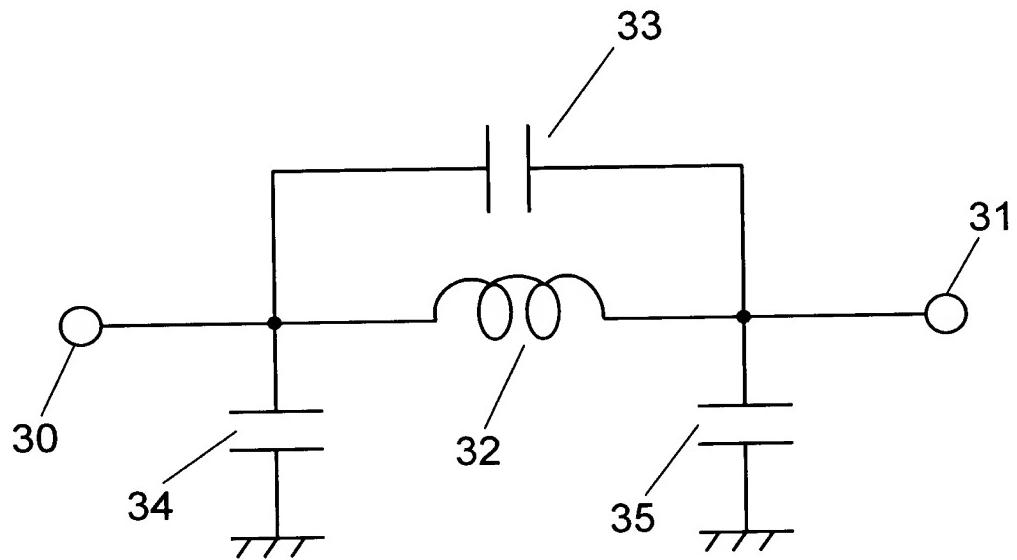
FIG. 5**FIG. 6**

FIG. 7



Reference numerals in the drawings

- 11 transmitter surface-acoustic-wave filter
- 12 receiver surface-acoustic-wave filter
- 13 phase shift circuit
- 14 package
- 15 antenna terminal
- 16 transmitter terminal
- 17 receiver terminal
- 18a connecting pad
- 18b connecting pad
- 18c connecting pad
- 19a ground terminal
- 19b ground terminal
- 19c ground terminal
- 19d ground terminal
- 19e ground terminal
- 20a bonding wire
- 20b bonding wire
- 20c bonding wire
- 20d bonding wire
- 20e bonding wire
- 30 input port
- 31 output port
- 32 inductance element
- 33 coupling capacitance
- 34 capacitance element
- 35 capacitance element